

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 2002-162100

(71)Applicant : KAO CORP

(22)Date of filing : 03.06.2002

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IMAKI TAKUYA

(54) COMPOSITE POWDER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide composite powder exhibiting optical characteristics possessed by a fluorine polymer while maintaining characteristics of powder such as an ultralow content of aggregates and a good particle feeling and to provide a method for producing the powder.

SOLUTION: The composite powder comprises composite particles in which the fluorine polymer is present on the surfaces of particles constituting the powder. The composite powder has 0.01–500 µm average particle diameter. The content of the composite particles having a particle diameter of ≥10 times that of the particles in the powder is ≤10%. The method for producing the composite powder comprises bringing the powder into contact with the fluorine polymer in the presence of a supercritical fluid in a container, then making the resultant mixture of the powder with the fluorine polymer and the supercritical fluid present under a pressure below the critical pressure of the supercritical fluid and thereby compositing the powder with the fluorine polymer.

LEGAL STATUS

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List of IDS

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- (1) p2 Japanese Laid-Open Patent Publication No. 8-104830
and its English abstract
- (2) p2 Japanese Laid-Open Patent Publication No. 8-113652
and its English abstract
- (3) p2 Japanese Laid-Open Patent Publication No. 11-197494
and its English abstract
- (4) p3 "Review of High Pressure Science and Technology", Kunio Nagahama
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- (6) p3 Meziani M. J. et al., J. Phys. Chem. B, 2002, vol. 106, No. 43,
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- (7) p3 Meziani M. J. et al., ACS Symp. Ser. (Am. Chem. Soc.), 2003,
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- (8) p4 Young T. J. et al., Biotechnol. Prog., 2000, vol. 16, No. 3,
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- (9) Japanese Laid-Open Patent Publication No. 2004-10639*
and its English abstract

* Please note that Japanese Laid-Open Patent Publication (9) has already
been sent to you with our letter of May 31, 2006.